

ABSTRACT OF THE DISCLOSURE

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A multicolor LED lamp bulb includes a hollow lamp body which has a substantially tapered intermediate portion, a longitudinal portion and a stem portion, a lens sealingly engaged with the longitudinal portion, a plurality of different colored LED bulbs mounted in a predetermined spaced-apart arrangement on a circuit board wafer mounted inside the lamp body in an orientation normal to the central axis of the lamp body, a controller circuit electrically connected wherein predetermined arrays of the plurality of different colored LED bulbs activate at predetermined sequences for predetermined time intervals, and a screw-type base affixed to the stem portion and adapted to engage a conventional lamp socket. The controller circuit includes a rectifier circuit for converting a 12 volt-ac source applied to the LED lamp bulb to a 12 volt-dc circuit for supplying electrical power to the arrays of the plurality of different colored LED bulbs. The lens includes a grid of grooves in opposite sides of the lens, the grooves on one side being oriented approximately 90° from a direction of the opposite side grooves.

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